M A R C

SUNDAY	MON	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Feb 28 Mar 6 Mar 14 Mar 22						FORT FUNSTON Clean-up Day 9:30 AM Green Team 10 AM-12:30 PM PRESIDIO The Last Gun 11 AM-3 PM
			1	2	3	4
CRISSY FIELD CENTER Kids on Trails (Caminata Infantil) 1–2:30 PM MARIN HEADLANDS Nike Missile Site Open House 12:30–3:30 PM MUIR WOODS Muir Beach Bird Walk 9–10:30 AM OCEAN BEACH Adopt-a-Beach Clean-up Day: Rivera Street 10 AM–12 NOON PRESIDIO The Last Gun 11 AM–3 PM Buffalo Soldiers at the Presidio 1–3 PM	6	PRESIDIO National Cemetery Walk 10 AM-12 NOON	8	CRISSY FIELD CENTER Ecological Restoration of the Waterfront 10:30 AM-12:30 PM PRESIDIO Shuttle through Time 12:50-2 PM	10	CRISSY FIELD CENTER Presidio Birdlife 9:30–11:30 AM FORT FUNSTON Green Team 10 AM–12:30 PM MARIN HEADLANDS Smashing Plates and Elastic Rocks 9 AM–2 PM Secret Gardens of the Headlands 10 AM–12 N00N MUIR WOODS Medicinal Plant Walk 10 AM–12 N00N
Buffalo Soldiers at the Presidio 1–3 PM	0	/	0	9	10	
ALCATRAZ Alcatraz Kidz Tourz: Fortress Alcatraz 4:20-7:15 pm MARIN HEADLANDS Beginning Birding 9:30-11:30 AM MUIR WOODS Early Spring Wildflower Hike 10 AM -1:30 pm PRESIDIO Nature's Deli 1-3 pm	13	CRISSY FIELD CENTER Lower Tennessee Hollow Watershed 12 NOON—1:30 PM MARIN HEADLANDS Sunset Full Moon Walk to Point Bonita Lighthouse 5:45—7:45 PM MUIR WOODS Muir Woods by Moonlight 5:30—7:30 PM	PRESIDIO From Post to Park 1-3 PM	16	17	FORT FUNSTON Green Team 10 AM-12:30 PM MARIN HEADLANDS Wildflower Photography Hike 9:30 AM-12 NOON Bones, Bones 10 AM-1 PM Cats of the Marin Headlands 4:30-7:30 PM PRESIDIO Crissy Field Clean-up 9 AM Letterman Legacy 1-2:30 PM
CRISSY FIELD CENTER Kids on Trails 1–2:30 PM MARIN HEADLANDS Spring Wildflower Slide Show 1–2 PM MUIR WOODS Bones, Bones, Bones 10 AM–1 PM PRESIDIO Ridge-to-Bridge Ride 10 AM–1 PM	20	PRESIDIO National Cemetery Walk 10 AM-12 NOON	PRESIDIO Nature's Deli 1-3 PM	23	24	FORT FUNSTON Green Team 10 AM-12:30 PM A Million Years in 2 Miles 2-4 PM FORT POINT Pier Crabbing 10 AM-12 NOON LANDS END Shipwrecks at the Golden Gate 2-3 PM MARIN HEADLANDS Scrub-to-Beach Exploration Hike 11 AM-1 PM MUIR WOODS Wildflower Hike 10 AM-2 PM PRESIDIO Horseshoes and Carrots 12 NOON-1:30 PM
MUIR WOODS Muir Beach Tidepool Walk 2–4 PM						
26	27	28	29	30	31	

Program Information

ALCATRAZ

Open daily. Join ranger-led programs, use self-guiding brochures, and take an audio tour of the cellhouse to learn about this historic island. A captioned video program of Alcatraz history is shown every 30 minutes in the museum. Transcripts of the cellhouse audio tour are available for hearing-impaired visitors. Phone 561-4900, 9 AM to 4 PM, for program information.

SEAT (shuttle) transport is available for wheelchair users and visitors physically unable to walk up the quarter-mile, 12 percent-grade hill. Children under 14 must be escorted by an adult; service animals allowed.

Daily ferry service originates at Pier 41, Fisherman's Wharf. (The cellhouse audio tour can be purchased with ferry tickets.) Visit www.nps.gov/alcatraz for the latest information on ferry service. Note: Alcatraz tickets frequently sell out as much as one week in advance.

Visit Alcatraz's website: www.nps. gov/alcatraz

ONGOING

Alcatraz—Escape from Reality

Explore the connections between Alcatraz and Hollywood.

We Hold the Rock

In 1969, a group of Native Americans began a highly publicized 19month occupation of Alcatraz Island, marking the beginning of the modern Indian movement by America's indigenous people. This award-winning permanent exhibit interweaves photographs, music, video clips, and contemporary interviews with former occupiers.

Ranger-led programs are offered daily. Ask at the dock-level ranger station for times, locations, and topics. Following are some exam-

- Alcatraz Is Indian Land
- Escapes
- Fortress Alcatraz
- The Natural Side of the Rock
- 200 Years on the Rock
- US Penitentiary Alcatraz Island

Alcatraz Night Tour

Feel a chill run down your spine as you venture into dark corners of the old island prison—limited to just a few hundred visitors, Alcatraz Night Tour programs include topics, tours, and activities not offered during the day. For more detailed information, visit www.parks conservancy.org. Buy boat tickets well in advance, as they sell out quickly. For tickets, phone 7055555. For program information, phone 561-4926.

Alcatraz Kidz Tourz

Looking for something fun, unusual, and educational to do with your family? For more information, visit www.parksconservancy.org. Buy boat tickets well in advance, as they sell out quickly. For tickets, phone 705-555. For program information, phone 561-4926.

- Creative Escapes (5/13) Learn about creative and unusual Alcatraz escape attempts. For kids age 5+ and their families. Buy tickets for 4:20 PM Night Tour boat.
- The Kids of Alcatraz (4/15) Find out why growing up on Alcatraz was such fun! For kids age 6 to 12 and their families. Buy tickets for 4:20 PM Night Tour boat.

On Duty at Fort Alcatraz

(3/12) Find out what it was like to be a Civil War soldier at Fortress Alcatraz. For kids ages 6 to 12 and their families. Buy tickets for 4:20 PM Night Tour boat.

CLIFF HOUSE

Enjoy the views of the Pacific Ocean and Seal Rocks from the public outdoor terraces of the Cliff House. The newly rehabilitated Cliff House Restaurant is open seven days a week for lunch and

dinner and the Camera Obscura on the lower terrace is open seven days a week, weather permitting.

CRISSY FIELD CENTER

The Center, open Wednesday through Sunday, 9 AM to 5 PM, is operated cooperatively by the National Park Service and the Golden Gate National Parks Conservancy and is dedicated to viewing the environment through multicultural perspectives in partnership with communities. Located in Building 603 at the corner of Mason and Halleck streets in the Presidio, it offers a full roster of interpretive, educational, and environmental programs as well as drop-in labs and multicultural events. Programs are free and suitable for all ages unless otherwise noted. For a complete quarterly catalog and registration and scholarship information, please phone 561-7690 or visit www.crissyfield.org. Following is a partial listing of programs. All Crissy Field Center programs require reservations; phone 561-7752 to register. Programs meet at the Center unless otherwise noted.

Come to Your Senses at Crissy Field (5/21)

Experience the sights, sounds, smells, and flavors of Crissy Field on an easy 1-mile walk at the Crissy

Field marsh. Look for crabs, taste strawberry treats, listen to cultural legends, smell a seashore habitat, and touch the sands of Crissy Field. Bring your lunch, sand toys, walking shoes, layers of clothes, and love of nature. For families with children ages 4 to 9. Meet Ranger Fatima Colindres at the Center.

Crissy Field Aviation Walk

(4/8) Explore Crissy Field and learn about its role in early aviation history on this easy 1-mile walk. Meet Docent Don Gray at the Warming Hut, end of Mason Street. &

Ecological Restoration of the Waterfront (3/9, 4/13, 5/11)

Experience Crissy Field's living tidal salt marsh! On this easy 2-mile walk, we will savor the wind, tides, sand, plants, and people who affect this ecosystem. Rain cancels. Meet Docent Bob Halsey in front of the

History, Heroes, and Houses

(5/13) Explore the heart of the Presidio and learn about this former army post's rich history on an easy 1mile walk. Rain cancels. Meet Docent Bob Bowen at the NPS Visitor Center inside the Presidio Officers' Club, 50 Moraga Avenue. &

[Continued on next page]

Park Programs

A P R I I.

SUNDAY	MON	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mar 29 April 5 April 13 April 21				During the month of April, the Golden Gate National Parks observe the centennial of the 1906 Earthquake and Fire with a series of related programs, walks, and special exhibits. Check the program descriptions in this calendar and visit www.nps.gov/goga/pphtml/events.html for more information.		FORT FUNSTON Clean-up Day 9:30 AM Green Team 10 AM-12:30 PM MUIR WOODS Medicinal Plant Walk 10 AM-12 NOON PRESIDIO The Last Gun 11 AM-3 PM Are We There Yet? Army and the Refugees 1-3 PM
CRISSY FIELD CENTER Juana Briones: Una Leyenda Una Mujer 1–3 PM MARIN HEADLANDS Nike Missile Site Open House 12:30–3:30 PM MUIR WOODS Muir Beach Bird Walk 9–10:30 AM OCEAN BEACH Adopt-a-Beach Clean-up Day: Sloat Street 10 AM–12 NOON PRESIDIO The Last Gun 11 AM–3 PM	3	PRESIDIO National Cemetery Walk 10 AM-12 NOON	5	6	7	CRISSY FIELD CENTER Crissy Field Aviation Walk 10 AM-12 NOON FORT FUNSTON Green Team 10 AM-12:30 PM FORT POINT Pier Crabbing 10 AM-12 NOON MARIN HEADLANDS Wildflower Woods and Hills 11 AM-2:30 PM MUIR WOODS Birds, Bees, and Wind AKA Sex in the Woods 10 AM-12 NOON PRESIDIO Are We There Yet? Army and the Refugees 1-3 PM
MARIN HEADLANDS Beginning Birding 9:30–11:30 AM MUIR WOODS Muir Woods Geology Hike 10 AM–1:30 PM	10	11	12	CRISSY FIELD CENTER Ecological Restoration of the Waterfront 10:30 AM-12:30 PM MARIN HEADLANDS Sunset Full Moon Walk to Point Bonita Lighthouse 7:15-9:15 PM MUIR WOODS Muir Woods by Moonlight 7-9 PM PRESIDIO Shuttle through Time 12:50-2 PM	PRESIDIO Are We There Yet? Army and the Refugees 1-3 PM	ALCATRAZ Alcatraz Kidz Tourz: Kids of Alcatraz 4:20–7:15 PM FORT FUNSTON Green Team 10 AM–12:30 PM MARIN HEADLANDS Smashing Plates and Elastic Rocks 9 AM–2 PM MUIR WOODS Wildflower Hike 10 AM–2 PM PRESIDIO Crissy Field Clean-up 9 AM The Presidio Rocks and Roles 10 AM–12 NOON Are We There Yet? Army and the Refugees 1–3 PM
CRISSY FIELD CENTER Juana Briones: A Legend, a Woman 1–3 PM MUIR WOODS Easter Morning Wildflower Hike 10 AM–1:30 PM PRESIDIO 1906 Earthquake Centennial Walk 1–3 PM	17	PRESIDIO National Cemetery Walk 10 AM-12 NOON Earthquake Refugee Tent Camps of Tennessee Hollow 12 NOON-1:30 PM	PRESIDIO From Rubble to Renaissance 10–11:30 AM From Post to Park 1–3 PM	20	PRESIDIO Are We There Yet? Army and the Refugees 1–3 PM	FORT FUNSTON Green Team 10 AM-12:30 PM A Million Years in 2 Miles 1-3 PM FORT POINT Pier Crabbing 10 AM-12 NOON LANDS END Shipwrecks at the Golden Gate 2-3 PM MARIN HEADLANDS Wildflowers of Wolf Ridge 9:30 AM-2 PM Spring Family Camp 3 PM-12 NOON, APRIL 23 PRESIDIO 1906 Refugee Camp Walk 10-11 AM Presidio 1906 Earthquake Commemoration 11 AM-3 PM
MUIR WOODS Alice Eastwood Earthquake Centennial Hike 10 AM-1 PM PRESIDIO The Earth Shook, the Sky Burned 1–2:30 PM 23						FORT FUNSTON Green Team 10 AM-12:30 PM MARIN HEADLANDS Tennessee Valley Ramble 11 AM-1:30 PM PRESIDIO Great Scott! 1-2:30 PM Are We There Yet? Army and the Refugees 1-3 PM
30	24	25	26	27	28	29

Program Information

Juana Briones: A Legend, A Woman (4/16)

Find out more about one of the Presidio's legendary women. We will color, draw, and hear stories as we walk to El Polin Spring (walk ends at El Polin). For families with children ages 4 to 9. Meet Ranger Fatima Colindres at the Center; space is limited.

Juana Briones: Una Leyenda Una Mujer (4/2)

Acompáñeme en un paseo recordando a una mujer legendaria en la historia del presidio. Caminaremos, dibujaremos, y escucharemos historias des de Crissy Field asta llegar al Polin uno de los lugares donde residió Juana. Paseo comienza en El Crissy Field Center y culmina en El Polin. Familias con niños de 4 a 9 años de edad; el espacio es limitado, inscripción es necesaria llame a Ranger Fatima Colindres, 561-4405.

Kids on Trails (3/19)

Join Ranger Fatima Colindres on a 2/3-mile walk along the Ecology Trail using a new guide designed for young park visitors. The walk begins near the NPS Visitor Center and ends at the Inspiration Point overlook. For families with children ages 5 to 9. Meet at the Presidio Officers' Club on the Main Post. Space is limited.

Kids on Trails (Caminata Infantil) (3/5)

Kids on trails es un guía diseñada para los jóvenes que visitan el parque. Durante la caminata de 2/3 millas explore el mundo natural dentro del bosque histórico del Presidio y aprenda sobre un hábitat natural. El paseo comienza enfrente del Main Post Centro al Visitante, 50 Moraga Avenue en el Presidio de San Francisco y culmina en Inspiration Point. Familias con niños de 5 a 9 años de edad; el espacio es limitado, registracion es requerida llame a Ranger Fatima Colindres, 561-4405.

Lower Tennessee Hollow Watershed (3/14)

Discover little-known El Polin Spring on a moderate, I-mile, lunch-hour walk. Explore the history of this unique ecosystem where fresh water flows to the Crissy Field marsh, serpentine grasslands bloom, and fertility myths were born. Wear shoes suitable for descending and climbing slopes. Rain cancels. Meet the docent at Center.

Presidio Birdlife (3/II)

See and learn about the diverse Presidio birdlife on a moderate 1-mile walk. Meet Ranger Will Elder at the Center.

Use sus sentidos en Crissy Field!* (5/7)

Venga y experimente el paisaje,

sonidos, sabores y olores en Crissy Field. En nuestro paseo vamos a buscar cangrejos y saborearemos dulces de fresa. Escucharemos leyendas culturales y oleremos el hábitat del océano. Tocaremos las arenas de Crissy Field, mientras jugamos en la arena bajo los árboles de cipreses. Cosas que pueden traer: juguetes para la arena, zapatos confortables, abrigo y su am or por la naturaleza. Familias con niños 4 -9 años. Registracion es requerida llame a Ranger Fátima Colindres, 561-4405.

FORT FUNSTON

For information, phone 561-4323.

ONGOING

Fort Funston Clean-up Day

(3/4, 4/1, 5/6) Bring dogs, friends, and family to help keep Fort Funston clean for everyone; held in conjunction with Fort Funston Dogwalkers. Bring gloves; trash bags are provided. Volunteers meet on the first Saturday morning of the month at 9:30 AM in the parking lot. Phone Fort Funston Dogs at 468-1262 for more information and to confirm event, as it is occasionally rescheduled.

Fort Funston Green Team

(every Saturday) Restoring the habitats that once dominated San Francisco's dunes, Fort Funston's Green Team is propagating and planting up a storm. Food, friends, and fun every Saturday morning at the ranger station from 10 AM to 12:30 PM. Reservations suggested; phone 239-4247.

PROGRAM

A Million Years in 2 Miles

(3/25, 4/22, 5/6) The San Andreas Fault has been "remodeling" the cliffs of Fort Funston for over one million years. Multiple layers tell an interesting geologic story. Join a talk on the dynamics of the San Andreas Fault Zone and a moderate 2-mile hike along the beach. Dress in layers, wear hiking shoes, and bring water. Meet Docent Jim Hyde at the ranger station. Reservations required; phone 561-4323.

FORT POINT

During the retrofit of the Golden Gate Bridge, the fort will be open on Friday, Saturday, and Sunday only, from 10 AM to 5 PM. Phone 556-1693 to verify open hours. Visit Fort Point's website: www.nps.gov/fopo/home.htm

ONGOING

"Building the Golden Gate Bridge"

Video made by Bethlehem Steel Company on the construction of this national engineering landmark. & **©**

Cannon Loading Demonstrations

During a Civil War artillery drill, learn how soldiers were taught to load and fire a Napoleon 12pounder cannon.

"Fort Point, Guardian of the Golden Gate"

Award-wining 30 minute video program about the history of Fort Point from 1776 through World War II. Shown throughout the day in the theater. & **CC**

Fort Point staff offers a variety of programs. A schedule is posted at the entrance to the fort.

PROGRAM

Pier Crabbing (3/25; 4/8, 4/22; 5/6, 5/20) Learn about crabbing in the San Francisco Bay. We'll discuss bait, equipment, and regulations, and then let you try your luck with our nets. Reservations required; call 556-1693.

LANDS END

For information, phone 561-4323.

PROGRAM Shipwrecks at the Golden Gate

(3/25, 4/22, 5/20) On a moderately strenuous hike, see and learn about some of the ships that perished on the rocky cliffs of the Golden Gate. Meet Docent Rich Harned at the

[Continued on next page]

Park Programs

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SUNDAY	MON	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	FORT FUNSTON Clean-up Day 9:30 AM Green Team 10 AM-12:30 PM A Million Years in 2 Miles 1-3 PM FORT POINT Pier Crabbing 10 AM-12 NOON MARIN HEADLANDS Wildflowers of Wolf Ridge 9:30 AM-2 PM MUIR WOODS Gravity Car Hike 10 AM-1:30 PM PRESIDIO Heart of the Presidio 10 AM-12 NOON The Last Gun 11 AM-3 PM SOUTHERN LANDS 360 Degrees of Pacifica 9:30 AM-4 PM
CRISSY FIELD CENTER Use sus sentidos en Crissy Field!* 10 AM-1 PM MARIN HEADLANDS Beginning Birding 9:30-11:30 AM Nike Missile Site Open House 12:30-3:30 PM MUIR WOODS Muir Beach Bird Walk 9-10:30 AM Whales and Wildflowers 11 AM-1:30 PM OCEAN BEACH Adopt-a-Beach Clean-up Day: Balboa Street 10 AM-12 NOON PRESIDIO The Last Gun 11 AM-3 PM	8	PRESIDIO National Cemetery Walk 10 AM-12 NOON Springtime at Tennessee Hollow 12 NOON-1:30 PM	PRESIDIO Barracks, Buildings, and Bunkers 2-4 PM	CRISSY FIELD CENTER Ecological Restoration of the Waterfront 10:30 AM-12:30 PM PRESIDIO Shuttle through Time 12:50-2 PM	MARIN HEADLANDS Sunset Full Moon Walk to Point Bonita Lighthouse 7:45–9:45PM MUIR WOODS Muir Woods by Moonlight 7:30–9:30 PM 12	ALCATRAZ Alcatraz Kidz Tourz: Creative Escapes 4:20–7:15 PM CRISSY FIELD CENTER History, Heroes, and Houses 10–11:30 AM FORT FUNSTON Green Team 10 AM–12:30 PM MARIN HEADLANDS Smashing Plates and Elastic Rocks 9 AM–2 PM MUIR WOODS Muir Beach Bird Festival 7 AM–12 N00N Miwok Uses of Plants and Animals 10 AM–12 N00N
MUIR WOODS Mother's Day Wildflower Hike 10 AM-1:30 PM PRESIDIO Buffalo Soldiers at the Presidio 1-3 PM	15	16	PRESIDIO From Post to Park 1–3 PM	18	19	FORT FUNSTON Green Team 10 AM-12:30 PM FORT POINT Pier Crabbing 10 AM-12 NOON LANDS END Shipwrecks at the Golden Gate 1-2 PM MARIN HEADLANDS Bones, Bones, Bones 10 AM-1 PM Bunkers of Hill 88 11 AM-1:30 PM MUIR WOODS Medicinal Plant Walk 10 AM-12 NOON PRESIDIO Crissy Field Clean-up 9 AM Earth, Wind, and Flowers 10 AM-12 NOON
CRISSY FIELD CENTER Come to Your Senses at Crissy Field 10 AM-1 PM MUIR WOODS Bones, Bones, Bones 10 AM-1 PM PRESIDIO Patriotism and Prejudice 1-3 PM		PRESIDIO National Cemetery Walk 10 AM-12 NOON				FORT FUNSTON Green Team 10 AM-12:30 PM PRESIDIO Horseshoes and Carrots 12 N00N-1:30 PM
21	22	23	24	25	26	27
	PRESIDIO Memorial Day Ceremony 11 AM-12 NOON					April 27 May 5 May 13 May 20
28	29	30	31			*Offered in Spanish; English translation available

Program Information

USS San Francisco Memorial parking lot on El Camino del Mar, just north of 48th and Point Lobos avenues. Reservations required; phone 561-4323.

MARIN HEADLANDS

The visitor center is open daily, 9:30 AM to 4:30 PM. We invite you to begin your exploration of the park here. Plan your outing or relax afterward. Our award-winning exhibits introduce you to the parks' stories. Unless otherwise noted, all programs require reservations. For general program information and to make reservations, phone 331-1540.

Visit Marin Headlands' website: www.nps.gov/goga/mahe

ONGOING

Nike Missile Site Open House

(3/5, 4/2, 5/7) Open the first Sunday of each month, and Wednesday, Thursday, and Friday afternoons from 12:30 to 3:30 PM. Come explore a restored Cold War era-anti-aircraft missile battery at Nike Site SF-88 on Field Road. On-leash pets are welcome. Buildings above-ground are accessible. For information, phone 331-1543, or visit www.nps.gov/goga/

Point Bonita Lighthouse

(every Saturday/Sunday/Monday) Open hours are 12:30 to 3:30 PM.

Meet Point Bonita docents along the lighthouse trail. This historic setting offers breathtaking views and many stories. The 1/2-mile trail is steep in places. For more information, phone 331-1540.

PROGRAMS

(Reservations required; phone 331-

Beginning Birding (3/12, 4/9, 5/7)Spring is here—join Docent Jane Haley for an easy walk around Rodeo Lagoon to discover springtime birds of the Marin Headlands. Bring binoculars and field guides. For ages 8 and up. Meet at the visitor center.

Bones, Bones (3/18, 5/20) Drop by the visitor center to meet "Roadkill Nancy" Valente and view her collection of skulls and bones. A hands-on experience for children of all ages. For information, phone 331-1540. &

Bunkers of Hill 88 (5/20)

Take a strenuous 3-mile roundtrip hike up Hill 88 to enjoy breathtaking views and learn about gun emplacements and anti-aircraft sites in the Headlands. Meet Katrina Wagner at the Rodeo Beach fire

Cats of the Marin Headlands

(3/18) On this moderate 4-mile round-trip hike to Tennessee Beach and back, we will be on the lookout for cats that inhabit or visit the Marin Headlands: feral cats, bobcats, and (of course) mountain lions. We'll make several stops to learn more about these stealthy creatures. As a bonus, we'll enjoy a postcard sunset over the Pacific Ocean. Meet Steffen Bartschat at the Tennessee Valley trailhead. Limited to 25 people (sorry, no dogs). Bring water, snack, and warm layers.

Scrub-to-Beach Exploration Hike (3/25)

Rove the lagoon, valley, and beach, seeking what's "uniquely Headlands." Meet Katrina Wag-ner at the visitor center for this moderate 3-mile hike.

Secret Gardens of the

Headlands (3/II)

Explore the wildflower gardens along Julian Trail, where moss and lichen embrace miniature flowers, and rock gardens open into wild views of the Pacific. Join Docent Gail Lester on this gentle, easy stroll in celebration of spring. Meet at the Iulian Trail section of the Coastal Trail at McCullough and Conzelman roads. Dress in layers. Heavy rain cancels. Limited to 15.

Smashing Plates and Elastic Rocks (3/11, 4/15, 5/13)

Discover how the rocks of the Marin Headlands became the epicenter of plate tectonics. This hike will cover about 5 miles of uneven terrain. Ages 10 and up. Meet Ranger (and Geonaut) Roxi Farwell at the visitor center. Bring water and bag lunch and wear sturdy shoes. Persistent rain cancels.

Spring Family Camp (4/22) Bring your family (with kids ages 5 to 15) on a short overnight backpack (I mile) to beautiful Haypress Camp. Learn about local flora, fauna, and history as we share in the fun of a traditional campfire program. Meet at the Tennessee Valley trailhead. Program ends at noon the following day (4/23). Limited to 8 families and/or 24 people (sorry, no dogs); reservations required. Phone 331-1540 and leave your email address; trip leader will contact you with more information.

Spring Wildflower Slide Show (3/19) Join Lynda Bartek at the visitor center to view a wildflower slide presentation. Afterwards, Lynda will lead a short, easy hike to identify flowers along the trail. Slide presentation &

Sunset Full Moon Walk to Point Bonita Lighthouse (3/14, 4/13, 5/12) Greet the rising moon at this

wild edge of the continent. The 1/2mile trail is steep in places. Meet park staff and docents at the Point Bonita Lighthouse trailhead. Limited to 40.

Tennessee Valley Ramble (4/29)

On a moderate 2-mile, one-way hike to the beach, examine patterns of life on the landscape and imagine how humans have figured in the picture over time. Stay and enjoy lunch on the beach, or hike back at your own pace. Meet Katrina Wagner at the Tennessee Valley trailhead.

Wildflower Photography Hike

(3/18) Bring your camera and tripod to photograph spring wildflowers on this moderate 2- to 3-mile hike. Meet Al Greening at the visitor

Wildflower Woods and Hills

(4/8) Join Susan Ovington for a moderate 5-mile hike up shady Oakwood Valley, across the ridge, and down Old Springs Trail. Dress in layers and bring lunch and water. Meet at the Oakwood Valley trailhead on Tennessee Valley Road.

Wildflowers of Wolf Ridge

(4/22, 5/6) It's a hearty hike to this special wildflower community 900 feet above sea level. Wear sturdy shoes and dress in layers. Bring

[Continued on next page]

Program Information

water and a light lunch for this 4.5-mile, moderately strenuous roundtrip hike. Meet Ranger Roxi Farwell at the Coastal Trail fire gate near the Rodeo Beach parking lot. Heavy rain cancels.

MUIR WOODS

Muir Woods is open every day, including holidays, 8 AM to sunset. For current closing time, phone 388-2595. The visitor center opens at 9 AM and closes one-half hour before the park. There is a \$3 entrance fee for visitors age 16 and older.

ONGOING

Rangers and volunteers present 15-minute ecology talks and guided 1-hour tours daily, as staffing permits. Check the program board at the park entrance for times and locations. No reservations necessary.

Young people between the ages of 6 and 12 can become Muir Woods Junior Rangers. Ask about this program at the Information Table or in the visitor center.

Phone the Muir Woods Hotline, 388-2595, for updates on hours, seasonal news, trail conditions, and special program details.

Muir Beach and Muir Beach Overlook are open from 9 AM to one hour after sunset. For program reservations, please call 388-2596. Visit Muir Woods' expanded website: www.nps.gov/muwo/home.

PROGRAMS

(Reservations required; phone 388-2596.)

Alice Eastwood Earthquake Centennial Hike (4/23)

Join Catherine Ramberg for a 5- to 6-mile hike and hear stories about famous botanist Alice Eastwood, including her daring rescue of the Academy of Sciences' botanical collection after the 1906 earthquake. Meet at the visitor center.

Birds, Bees, and Wind, aka Sex in the Woods (4/8)

Join Robert Mackler for a moderate 3-mile naturalist walk focusing on bird activity and the pollination strategies of trees and plants in Muir Woods. This program is geared to adults and responsible teens. Meet at the visitor center.

Bones, Bones, Bones (3/19, 5/21) Meet zoo archeologist "Roadkill Nancy" Valente and view her collection of bones, skulls, and skins. A hands-on experience for all ages. Meet on the boardwalk 100 feet beyond the entrance arch. &

Early Spring Wildflower Hike

(3/12) Our first wildflowers are out! We'll take a moderately strenuous 5- to 6-mile ramble and learn to identify our local flora. Meet Ken Lavin at the visitor center.

Easter Morning Wildflower Hike (4/16)

Join Ken Lavin on a moderately strenuous 5- to 6-mile trek in search of spring bloomers in the Redwood Creek watershed. Meet at the visitor center.

Gravity Car Hike (5/6)

Discover how visitors in the 1900s reached Muir Woods by way of the thrilling Gravity Car. Join Docent Evelyn Rose on a moderate oneway hike that follows the Gravity Car route. Hike ends in Muir Woods. Group limited to 15. Please call for meeting place.

Medicinal Plant Walk (3/II, 4/I, 5/20) Join Kristen Etcheverry for an easy 2- to 3-mile stroll down the Redwood Creek Trail. You will learn about the edible and medicinal properties of the native plants along the riparian zone through the Frank Valley basin. Meet at the visitor center.

Mother's Day Wildflower Hike (5/14) Join Ken Lavin for a 5- to 6-mile exploration of Muir Woods and Mt. Tamalpais in search of late

mile exploration of Muir Woods and Mt. Tamalpais in search of late spring bloomers. Meet at the visitor center.

Muir Beach Bird Festival

(5/13) Learn about birds, bird migration, and how to use a scope and binoculars. Join in on bird walks and other activities. Birdfriendly coffee and chocolate will be available for sampling! Meet at the Muir Beach picnic area. (No reservations required.)

Muir Beach Bird Walk (3/5, 4/2, 5/7) Join the Ong family on an easy 1-mile walk to view birds in coastal, riparian, and lagoon habitats. This activity is suitable for beginning through advanced birders. Families with children age 8 and older are also welcome. Bring binoculars if you have them and dress for cool, windy weather. Meet at the Muir Beach parking lot.

Muir Beach Tidepool Walk

(3/26) Take a stroll down beautiful Muir Beach while you learn how the tide changes. Explore the various tidal zones and learn about the amazing creatures that live only in these habitats. All ages welcome. Meet Kate Maher at the Muir Beach picnic area.

Muir Woods by Moonlight

(3/14, 4/13, 5/12) Explore the magic of Muir Woods under a full moon, learning about the secret nightlife of an old-growth redwood forest. Dress for the weather and bring a flashlight. Children under 8 years of age not advised. Less than 2-miles roundtrip, flat and paved.

Muir Woods Geology Hike

(4/9) The 1906 earthquake that leveled San Francisco left William Kent's coast redwoods untouched, yet the political and economic aftershocks that followed nearly spelled doom for this old-growth redwood forest. Learn how the 'o6 earthquake led to the creation of the park as we explore the geology of Muir Woods and Mount Tam on this moderately strenuous 6- to 7-mile hike. Meet Ken Lavin at the visitor center.

Native American Uses of Plants and Animals $(5/\mathrm{I}_{3})$

Join Robert Mackler for a moderate 3-mile naturalist walk focusing on Miwok uses of plants for food, medicine, dyes, basketry, and arrow-making. This program is geared to adults and responsible teens. Meet at the visitor center.

Whales and Wildflowers (5/7) Join Ranger Mia Monroe and Dave McKenzie for a moderate 3-mile round-trip hike along the coast on the spectacular Owl Trail. The hills will be carpeted with wildflowers and we'll scan the ocean for gray whale mothers and calves on their

whale mothers and calves on their northward migration. Meet at the Muir Beach Overlook parking area. **Wildflower Hike** (3/25, 4/15) Join a ranger for a moderately

ence the colorful wonders of spring. Meet at the visitor center. OCEAN BEACH

strenuous 5-mile hike to experi-

For information, phone 561-4323.

ONGOING

Adopt-a-Beach Clean-up Day
Help clean up Ocean Beach in conjunction with the San Francisco
Chapter of the Surf Riders. Bring
gloves; trash bags are provided.
Meet on Ocean Beach on the first
Sunday of each month. Look for
the Surf Riders flag. Visit www.sf
surfrider.org/prog.htm for more information.

PACIFICA

A multi-agency visitor center, located in the Pacifica Chamber of Commerce office at Rockaway Beach, is open seven days a week. It offers exhibits and information on recreational activities throughout the Pacifica area. Phone (650) 355-4122 for directions and more information

PHLEGER ESTATE

For information, phone 561-4323.

PRESIDIO

The Presidio Visitor Center is located inside the Presidio Officers' Club, Building 50, Moraga Avenue, in the Main Post area and is open daily, 9 AM to 5 PM. For information and to make program reservations, phone 561-4323. Visit the Presidio website: www.nps.gov/prsf

ONGOING

Crissy Field Clean-up Day

(3/18, 4/15, 5/20) Bring dogs, friends, and family to this once-amonth event and help keep Crissy Field clean of litter and dog waste. Bring gloves; trash bags are provided. Clean-up areas include the east and central beaches and the promenade area. Volunteers meet the third Saturday of the month at 9 AM at the East Beach parking lot picnic tables. Email Crissy Field Dogs at *crissyfielddog@sbcglobal.* net for more information and to confirm event, as it is occasionally rescheduled.

The Last Gun (3/4, 3/5; 4/1, 4/2; 5/6, 5/7) How can a 50-ton gun "disappear"? Learn this and more while helping load and aim the last operational gun of its kind. Photos of the century-old Endicott system batteries in action are on display in an underground cartridge room. IT AM to 3 PM, first full weekend of each month. Rain cancels. Located at Battery Chamberlin, at north end of Baker Beach parking lot.

1906 Earthquake Centennial

Visit "Survivors: Life in an 'o6 Quake Camp" to experience what life was like for San Franciscans left homeless by the 1906 earthquake and fire. The recreated refugee camp is located in the Presidio at the intersection of Lincoln Boulevard and Halleck Street, close to parking and Muni lines. Open weekends 10 AM to 4 PM; week-day tours will be offered at 12 NOON. Phone 561-4323 for more information and to sign up for a group tour.

PROGRAMS

(Reservations required; phone 561-4323.)

1906 Earthquake Centennial Walk (4/I6)

Take a moderate 2-mile walk and learn of the Presidio's role in the aftermath of and recovery from the 1906 earthquake and fire. Meet Ranger Rik Penn at the NPS Visitor Center inside the Presidio Officers' Club, Main Post.

1906 Refugee Camp Walk (4/22) Visit the sites of the Presidio's two largest earthquake refugee camps and learn about the army's role in relief efforts. An easy 1-mile walk. Meet the ranger at Lincoln Boulevard and Halleck Street. &

Are We There Yet? The Army and the Refugees (4/1, 4/8, 4/14, 4/15, 4/21, 4/29) Join San Francisco City Guides and learn how thousands of soldiers left their barracks during 1906 to help city police and firefighters take control during the disaster. This moderate 1.5-mile walk crosses what was the city's largest refugee camp. Meet guide at the Lombard Gate, rain or shine. Contact City Guides at www.sfcity guides.org or phone 557-4266.

Barracks, Buildings, and Bunkers (5/IO)

Join us for a moderate 1.5-mile Main Post tour. Meet Ranger Rik Penn at the NPS Visitor Center, inside the Presidio Officers' Club, Main Post.

Buffalo Soldiers at the Presidio

(3/5, 5/14) Learn how the African-American "Buffalo Soldiers" contributed to our country's rich history on a moderate, 2-mile walk. Meet Ranger Rik Penn at the NPS Visitor Center, inside the Presidio Officers' Club, Main Post.

The Earth Shook, the Sky Burned (4/23)

Heroes and villains played their roles, and tragedy was gradually transformed into triumph. Hear all about it on a moderate 1-mile walk. Meet Ranger James Osborne at the Presidio Officers' Club, Main Post.

Earth, Wind, and Flowers

(5/20) Find out how unusual geologic and weather conditions have produced a unique ecosystem at the Presidio on an easy 2-mile walk. Bring a camera and wear comfortable shoes and a coat. Meet Ranger Will Elder at Crissy Field Center, corner of Halleck and Mason streets. &

Earthquake Refugee Tent Camps of Tennessee Hollow

(4/18) On the centennial of a devastating disaster, visit the site of a 1906 refugee camp in Tennessee Hollow. Phone 561-4323 for meeting place.

From Post to Park (3/15, 4/19, 5/17) Learn about the past, present, and future of the Presidio on a moderate I-mile walk. Meet Docent Rich Harned at the Presidio Officers' Club, Main Post. &

From Rubble to Renaissance (4/19) Take an easy 1.5-mile walk and learn how San Francisco dazzled the world with its 1915 Panama-Pacific International Exposition just nine years after the 1906 earthquake and fire. Meet Ranger Marcus Combs at the corner of Lincoln Boulevard and Funston

Great Scott! (4/29)

Avenue.

Explore Fort Winfield Scott, the post-within-a-post once described as "the most beautifully located army post in the country," on an easy I-mile walk. Meet the docent on the corner of Kobbe and Upton avenues.

Heart of the Presidio (5/6)

Join an easy I-mile walk and venture into the past of the Presidio's Main Post area. Meet Ranger Marcus Combs at the NPS Visitor Center, inside the Presidio Officers' Club, Main Post. &

Horseshoes and Carrots (3/25, 5/27) Tour the historic stables and

meet the mounted Park Police's four-legged friends. A great activity for children; bring a carrot if you like. This moderate I/2-mile walk ends at the stables. Rain cancels. Meet Docent Denise Chapleau at the NPS Visitor Center, inside the Presidio Officers' Club, Main Post.

Letterman Legacy (3/18) Learn about Letterman Hospital's history and its future. Meet Ranger

Marcus Combs at the corner of

Lincoln and Presidio. &

Memorial Day Ceremony (5/29) Join us for a day of honor and remembrance. Parade begins at 10:30 AM on the Main Post. Formal program from 11 AM to 12 NOON at the National Cemetery. For more information, phone 561-5500.

National Cemetery Walk (3/7, 3/21; 4/4, 4/18; 5/9, 5/23) Join Docent Galen Dillman and hear about Medal of Honor recipients, a

Union spy, an Indian scout, Buffalo Soldiers, and others interred here. This I-mile walk has a steep uphill climb. Phone 56I-4323 for meeting place.

Nature's Deli (3/12, 3/22) Discover edible native flora on a moderate, 2-mile walk. Dress warmly and wear shoes suitable for stair-climbing in wet terrain. Meet Ranger Rik Penn at the Warming Hut, west end of Mason Street.

Patriotism and Prejudice (5/2I)

Japanese-American soldiers trained here for intelligence work and were sent to war as their families were moved into internment camps. Learn about this paradox on an easy, 1/2-mile walk. Meet Ranger James Osborne at the Crissy Field Center. &

Presidio 1906 Earthquake Commemoration (4/22)

Includes music by the 91st Division Army Band, disaster preparedness information, period readings, and an illustrated presentation of the Presidio's role after the 1906 earthquake and fire. Visit a recreated earthquake camp, check out new exhibits at the rehabilitated earthquake cottages, or go on guided walks to Presidio refugee camp sites. Meet at the Main Post flag pole before progressing to the Presidio fire station.

The Presidio Rocks and Roles (4/15) Learn the geology behind the shaky history of the Bay Area on this 2-mile, moderately strenu-

on this 2-mile, moderately strenuous walk. Wear comfortable walking shoes and a coat. Meet Ranger Will Elder at Crissy Field Center.

Ridge-to-Bridge Ride (3/19)

Cycle to the Marin Headlands and back on a strenuous 12-mile loop. Helmet required. Meet Ranger James Osborne at the William Penn Mott Jr. Visitor Center on Montgomery Street, Main Post.

Shuttle through Time (3/9, 4/13, 5/11) Take the PresidiGo shuttle and travel through time as you hear stories spanning the centuries. Meet the ranger at the Transit Center, corner of Lincoln Boulevard and Graham Street. &

Springtime at Tennessee Hollow (5/9)

Explore the natural and human history of this unique ecosystem.

Wear shoes suitable for descending and climbing slopes. Rain cancels.

Meet the docent at Inspiration

Point.

SOUTHERN LANDS

Milagra Ridge, Sweeney Ridge, Mori Point

For information on these sites, please phone (415) 561-4323.

PROGRAM

360 Degrees of Pacifica: Southern Lands Hike (5/6) Join Ranger George Durgerian on a

strenuous 7-mile loop hike up Milagra Ridge, across Sweeney Ridge, and down to Mori Point. Uncover the history of bootleggers, butterflies, and bombs. Meet at Salada Beach Café; wear sturdy shoes, dress in layers, and bring water and a lunch. Rain or very heavy fog will force a rescheduling. Reservations required; phone 561-4323.

STINSON BEACH

The beach is open daily for picnics and recreational activities, 9 AM to shortly after sunset. No lifeguards on duty before Memorial Day. For updates on hours of operation and the latest surf, tide, road, and weather conditions, phone 868-1922.

SUTRO HEIGHTS SUTRO BATHS

Phone 561-4323 for information.